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Cold Regions Research &
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News Release

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Cold Regions Lab Hosts Annual Solar Car Race

LEBANON, N.H.-On Thursday, May 28, at the Carter-Witherell Center in Lebanon, N.H., from 10:00 AM-2:00 PM the U.S. Army Cold Regions Research and Engineering Laboratory (CRREL) will host the Sixth Annual Upper Valley Junior Solar Sprint (JSS) championships.

This event will bring together approximately 400 seventh- and eighth-grade students from 15 schools and 200 solar-powered, model cars from central and northern Vermont and New Hampshire. These students have designed and built, and will now have the opportunity to race their solar models. This is one of several area races throughout New England that will qualify winning racers for the Regional Race to be held at the Turner Falls Park, Turner Falls, Mass., on Saturday, June 13.

The Junior Solar Sprint is a science-based design and performance competition. The key components, a solar panel and a small electric motor, are provided to the students. The remainder of the car is designed and built by a small team of students with help and advice from parents, local engineers and scientists from the public and private sector along with their teachers. The object of the 1998 JSS competition is to design and build a vehicle that will solve a common engineering problem: transport a payload from one place to another in the shortest time possible, using only the available solar power.

At the conclusion of the competition top finishers in speed and design will be recognized during the awards ceremony which will commence at 1:30 PM.

More information may be obtained by contacting Mr. Bob Haehnel at (603) 646-4325 or email: rhaehnel@crrel.usace.army.mil.

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